

SURNPS 47-600 (SUREnergy)

Main data

Rated power: 600 kW
Rotor diameter: 47 m
Available
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1734.9 m²
Power density: 2.89 m²/kW
Maximum speed: 28 rd/min

Tower

Minimum hub height: 50 m
Maximum hub height: 65 m

Weights

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Voltage: 690 V